

0021



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

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Partial: XXX Complete: Exploration:
Inspection Date & Time: 11/08/2001 /1:30-4 PM
Date of Last Inspection: 10/17/2001

Mine Name: Wildcat Loadout County: Carbon Permit Number: C/007/033
Permittee and/or Operator's Name: Andalex Resources, Inc.
Business Address: P.O. Box 902, Price, Utah 84501
Type of Mining Activity: Underground Surface Prep. Plant XXX Other
Company Official(s): Mr. Mike Glasson, Senior Geologist
State Official(s): Daron Haddock, Wayne Western, James Smith, Peter Hess Federal Official(s): None
Weather Conditions: Sunny; 60 degrees Fahrenheit
Existing Acreage: Permitted 100 Disturbed 63.7 Regraded Seeded
Status: Active XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

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DATE OF INSPECTION: 11/08/2001

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: As part of the midterm permit review process, a field visit/partial inspection of the site was conducted with Mr. Mike Glasson, representing the permittee, and members of the UDNR/OGM Salt Lake City technical staff.

4C. **HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

The site contains five alternate sediment control areas all of which were inspected.

ASCA #1

This ASCA is separated into two sections by the Utah Railway right-of-way, and is adjacent to the County road close to the upper NW access gate. The right-of-way itself is **not included** within the Wildcat permit area.

The intended sediment control method on the portion south of the tracks is a berm that directs runoff to a twelve inch culvert, where the plan (Plate 2) indicates straw bales are to provide sediment control as the water leaves the bermed area. During the inspection, it was determined that the straw bales did not exist at the exit of the culvert. The flow which exits the culvert reports to a ditch which is collinear with the permit boundary and which reports to a road ditch along primary road PR-2, thence to Sediment Pond "E". The justification as to why this section of ASCA #1 should continue to be classified as an alternate sediment control area should be re-evaluated. This area is generally flat and much of the runoff simply evaporates or infiltrates. Adjacent to the upper NW gate entrance, the berm needed enhancement. Although there was no indication that sediment had left the permit area here, there is a low spot which could impound water. Restoring the berm would reestablish the integrity of the sediment control in this area.

The portion of ASCA #1 on the northern side of the Utah Railway right-of-way is fairly flat, and the designed sediment control is total containment via a berm. There is no other method of treatment. The berm was observed to have breached in several locations by small flows, and sediment has reported onto the right-of-way. Although this could technically be considered an "off-site" impact, the minute size of the flows, the type of sediment (coal fines) and the extremely dry nature of the area are felt to be adequate justification to not consider this impact significant to the extent that a notice of violation is justified. The Wildcat loadout area has been used for coal loading, processing and transportation purposes for many years, and the adjacent areas are familiar with both water borne and wind borne coal fines impacts. The adjacent undisturbed drainage designated as ND-1 very seldom flows, with the exception of thunderstorm events. The berm will be restored by the permittee. Notes on Plate 2 located within the mining and reclamation plan indicate that straw bales will be used at possible drain points of ASCAs. It was suggested to the permittee that bales or silt fence be placed where the berm has been breached rather than trying to utilize total containment as the method of treatment.

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ASCA #2

This is a small, well vegetated area which lies directly north of sediment pond "D". In addition to the vegetation, straw bales are effective in providing sediment control. New bales have recently been installed along the crest of the west embankment adjacent to ND-1.

ASCA #3

This area is considered to be a disturbed area because of wind-blown coal-fines. Other than the sediment pond and the fence, there has not been any construction or other disturbance of the native vegetation. Straw bales run parallel with the fence that bisects the ASCA. These, in addition to those which have been placed in the drainage below sediment pond B provide the sediment control for part of this ASCA. Between the fence and the permit boundary, vegetation is the sediment control, although the plan indicates straw bales are the sediment control method for the entire area. The permittee should consider revising that text, such that the in-place vegetation becomes the primary means of sediment control.

ASCA #4

ASCA #4 lies SW of ASCA#3, but ENE of sediment pond "A". The plan indicates straw bales are the sediment control method, but no bales were seen. As in ASCA #3 there are wind-blown fines. The vegetation has not been disturbed and is providing sediment control. ASCA #4 contains a topsoil storage pile, which utilizes a total retention berm and vegetation for the preservation of that resource.

ASCA #5

This ASCA lies on the SW side of the permit area and treats the runoff from a small area adjacent to a topsoil and a subsoil storage pile. Both soil piles utilize vegetation and total containment berms as their means of resource preservation. Treatment is indicated on Plate 2 to be via straw bales, although the area is well vegetated.

Bales effectively treat flow before it leaves the permit area. The large number of bales needed to treat the smaller area outside the bermed soil piles is disproportionate to the size of the area. These bales were recently enhanced with a secondary row of bales, and the truck that carried in the bales probably did more damage to the soil and vegetation than would be caused by the runoff from a design storm. The area is well vegetated, and it was suggested to the permittee that consideration be given to changing the treatment for this small area from straw bales to vegetation only. This would require showing via hydrologic/engineering analysis that the vegetation in this area is as effective a means of sediment control as the bales.

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7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The coal waste pile is very small in nature compared to other piles in the Carbon County area. There were no problems noted with it this day.

19. AVS CHECK

At the onset of the midterm review process, an evaluation of the principal operating officers for Andalex Resources, Inc. was conducted. Although no major changes have occurred in personnel, Mr. Glasson has updated the records at the site. Same should be followed through upon regarding the UDNR/OGM records.

Inspector's Signature: _____


Peter Hess #46

Date: November 27, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM
Mike Glasson, Andalex
Price Field office

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